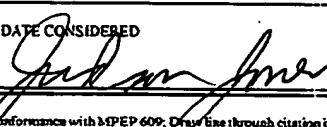


<p>INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p> <p>RECEIVED OCT 21 2003 U.S. PATENT AND TRADEMARK OFFICE</p>			Docket Number (Optional) MATS:027A		SERIAL NO. 10/635,720		
			APPLICANT(s) KAWANO et al.				
			FILING DATE: 8/6/2003		Group Art Unit		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF
	A	US-5,537,482	7/96	Janning	381	198	
	B	US-4,283,647	8/81	Herr, et al.	310	154	
	C	US-5,710,474	1/98	Mulgrave	310	254	
	D	US-3,993,972	11/76	Barbrook	335	220	
	E	US-4,349,757	9/82	Bhate	310	15	
	F	US-4,429,240	1/84	Kishi	310	45	
	G	US-4,700,093	10/87	Negishi	310	89	
	H	US-4,990,806	2/91	Kikuchi et al.	310	49 A	
	I	US-5,808,381	9/98	Aoyama et al.	310	12	
	J	US-6,060,810	5/00	Lee et al.	310	254	
	K	US-6,222,286	4/01	Watanabe et al.	310	49 R	
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER			DATE CONSIDERED	 <i>John Doe</i> 9/12/2005			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <small>(Use several sheets if necessary)</small>			Docket Number (Optional) <b>MATS:027A</b>		SERIAL NO. <b>10/635,720</b>		
			APPLICANT(s) <b>KAWANO et al.</b>				
			FILING DATE: <b>8/6/2003</b>		Group Art Unit		
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	Ref	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF
<i>J</i>	L	US-3,922,501	11/75	Yamamuro	179	115.5 R	
<i>J</i>	M	US-4,757,220	7/88	Pouillange	310	49 R	
<i>J</i>	N	US-5,440,183	8/95	Denne	310	12	
<i>J</i>	O	US-6,177,748 B1	1/01	Katcher	310	209	
<i>J</i>	P	US-6,191,517 B1	2/01	Radovsky	310	162	
<i>J</i>	Q	US-6,097,125	8/00	Park et al.	310	156	
<i>J</i>	R	US-5,357,587	10/94	Grodinsky et al.	381	199	
<i>J</i>	S	US-3,421,033	1/69	Hoffmeyer	310	172	
<i>J</i>	T	US-5,734,209	3/98	Halliday	310	12	
<i>J</i>	U	US-6,251,514 B1	6/01	Lashmore et al.	428	328	
<i>J</i>	V	US-6,452,302 B1	9/02	Tajimi et al.	310	216	
<b>FOREIGN PATENT DOCUMENTS</b>							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION <u>YES</u> <u>NO</u>
<b>OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
EXAMINER		DATE CONSIDERED	<i>Suban Jone 9/2/2005</i>				

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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>			Docket Number (Optional) <b>MATS:027A</b>		SERIAL NO: <b>10/635,720</b>		
			APPLICANT(S) <b>KAWANO et al.</b>				
			FILING DATE: <b>8/6/2003</b>			Group Art Unit	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	Ref	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF
<b>FOREIGN PATENT DOCUMENTS</b>							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	<u>TRANSLATION</u>
<i>JK</i>	W	JP 11-187639(A)	7/99	JAPAN			YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Abstract
<i>JK</i>	X	JP 10-323003(A)	12/98	JAPAN			YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Abstract
<i>JK</i>	Y	JP 3-325651(A)	10/91	JAPAN			YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Abstract
<i>JK</i>	Z	JP 2-57277	4/90	JAPAN			YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Abstract
<i>JK</i>	AA	JP 10-285898(A)	10/98	JAPAN			YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Abstract
<i>JK</i>	BB	JP 6-303755(A)	10/94	JAPAN			YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Abstract
<i>JK</i>	CC	WO 97/13261	4/97	PCT			YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
<i>JK</i>	DD	JP 10-512437(A)	11/98	JAPAN			YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> X
<i>JK</i>	EE	JP 11-220846	8/99	JAPAN			YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> X
<b>OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
EXAMINER		DATE CONSIDERED	<i>JK on 11/1/2005</i>				

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

Use as many spaces as necessary.

Sheet 1 of 2

**Complete If Known**

Application Number	10/635,720
Filing Date	August 6, 2003
First Named Inventor	Shinichiro KAWANO et al.
Art Unit	2834
Examiner Name	Jones, Judson
Attorney Docket Number	MATS:027A

**U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	PATENT DOCUMENTS		Pages, Columns, Lines, Where Relevant Pages Or Relevant Figures Appear	T*	
		Foreign Patent Document	Publication Date MM-DD-YYYY			Name of Patentee or Applicant of Cited Document
JJ	B	Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known)				
		JP 62296758 A	12-24-1987	SEIKO EPSON	Abstract only	

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet

2

of

2

Application Number	Shinichiro KAWANO et
Filing Date	August 6, 2003
First Named Inventor	Shinichiro KAWANO et al.
Art Unit	2834
Examiner Name	Jones, Judson
Attorney Docket Number	MATS:027A